

ENVIRONMENTS

| AMBIENT | |
|---------|-------------------------------------|
| AAL | Acoustic Levitation |
| AAS | Ambient Autosampler |
| ABC | Heated/Refrigerated Bath Circulator |
| ADC | Dialysis Cell |
| AHC | Humidity Chamber / Generator |
| ALL | Liquid-Liquid Cell |
| ALT | Langmuir Troughs |
| AOC | Overflowing Cylinder |
| AR | Rheometer |
| AS12 | 1-2 Shear Cell |
| ASA | Shear Apparatus (Couette) |
| ASF | Stopped-Flow System |
| ASL | Solid-Liquid Cell |
| AST | Adsorption Troughs |
| ATR | Tumbling Rack |
| FC1 | Foam Column |
| V | VacBox |
| AEX | Supplied by User |

| POLARISED BEAM OPTIONS | |
|------------------------|--|
| CPA | Cryopad, Zero-field Polarisation Analysis |
| FSE | Ferromagnetic Spin-Echo |
| NRSE | Neutron Resonance Spin-Echo |
| NSF | ³ He Neutron Spin Filter |
| PA | Polarisation Analysis, Guide Field at Sample |
| SE | Standard Spin-Echo |
| WSE | Wide-angle Spin-Echo |

| LOW TEMPERATURE | |
|-----------------|---|
| C4 | 4-Circle Cryostat |
| CD | Displex - Closed Cycle Refrigerator |
| CF | Orange Cryofurnace 1.8 - 550 K |
| CGO | Goniostick, Single Crystal Alignment |
| CL2 | Cryoloop Liquid N ₂ |
| CN2 | N ₂ Gas Cryostream 80 - 500 K |
| CO | Orange Cryostat 1.5 - 300 K |
| LT1 | Dilution Fridge > 40 mK |
| LT2 | ³ He Fridge > 400 mK (unavailable) |
| LT4 | 4-Circle Dilution Fridge > 100 mK |
| CEX | Supplied by User |

| HIGH TEMPERATURE | |
|------------------|------------------------|
| F0 | Furnaces 50 - 500°C |
| F1 | Furnaces 200 - 1100°C |
| F2 | Furnaces 1100 - 1600°C |
| F3 | Furnaces > 1600°C |
| FM | Mirror Furnace |
| FEX | Supplied by User |

| COMPLEMENTARY TECHNIQUE | |
|-------------------------|--------------------------------|
| ASC | Size-Exclusion Chromatography |
| ASP | In-Situ Impedance Spectroscopy |
| DLS | Dynamic Light Scattering |
| GSA | Gas Sorption Analysis |
| SAXS | SAXS / SANS |
| TEX | Supplied by User |

| ELECTRIC & MAGNETIC FIELDS | |
|----------------------------|--|
| EF | Electric Field Stick < 20 kV |
| MC | Conventional Permanent Magnet |
| ME | Electromagnet |
| MH | Cryomagnet, Static Horizontal Field < 17 T |
| MHP | Cryomagnet, Pulsed Horizontal Field < 40 T |
| MV | Cryomagnet, Static Vertical Field < 15T |
| MEX | Supplied by User |

| HIGH PRESSURE | |
|---------------|---------------------------------|
| PS | Uniaxial Pressure Stick < 120 N |
| PG | Gas Pressure Cell < 1 GPa |
| PL | Liquid Pressure Cell < 1 GPa |
| PCL | Clamp < 1.2 GPa at 300 K |
| PCH | Clamp < 3 GPa at 300 K |
| PE | Paris-Edinburgh Press < 22 GPa |
| PEX | Supplied by User |

| OTHER | |
|-------|--|
| EXT | Other Device Supplied by User (Extern) |
| FC | Flat-Cone |
| NO | None |
| NP | Nuclear Physics |
| R | Risk |
| TU | Transuranium Samples |
| X | Other Sample Conditions |